

# Installation and Specifications for X2-SIREN-100

## Description

The X2-SIREN-100 is a self contained high security external siren with integrated strobe / sounder and rechargeable back up battery. It can be configured to suit most industry panels and supports 5 selectable EOL resistor values for the tamper circuit and is enclosed in a UV resistant PC housing.

## Features

- Dual tamper protection from outer cover removal or wall removal
- Equipped with internal rechargeable 7.2V Ni-Mh battery
- Selectable LED status indicators
- Six high intensity strobe LEDs
- Four selectable siren timers
- Power LED
- Battery LED
- Rear cable guides

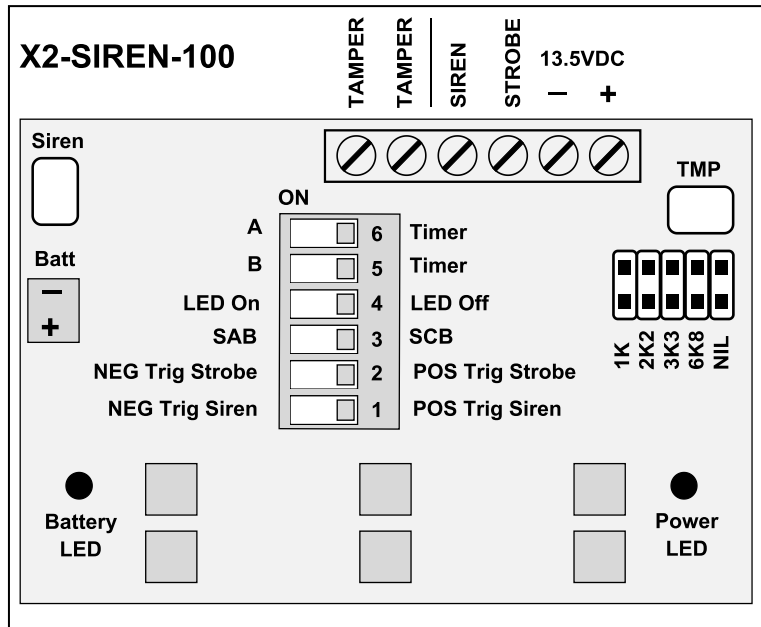
## Picture of X2-SIREN-100



## Technical Data

Operating Voltage	13.5VDC
Current Consumption Standby	20mA at 13.5VDC
Backup Battery	7.2V 500mA rechargeable
Siren Current	220mA at 12Vdc
Flash Current	300mA at 12Vdc
Siren Output	110db
Flash Rate	90 times per minute.
Timers	1 min, 3 min, 15 min, continuous
Tamper	Selectable EOLs
Operating Temperature	-25°C to +70°C
Housing	PC with UV Resistant
Lens	Blue
Dimensions	210H x 130W x 50D mm

## PCB Diagram



## Tamper EOL Selection

Use the link to select the required EOL resistor value for the tamper circuit 1k, 2K2, 3K3, 6K8 or Nil

### LED

SW4 On: Battery and power LEDs will continue to pulse

SW4 Off: Battery and power leds will stop pulsing after 5min

### SAB/SCB Selection

SW3 On: SAB Mode: Siren power is drawn from the panel.

SW3 Off: SCB Mode: Siren power is drawn from the siren battery. This mode is recommended when multiple sirens are installed.

### POS/NEG Selection

Before connecting the siren or strobe trigger cables please set the dip switches to your requirements.

SW2 On: Negative Strobe Trigger (Paradox)

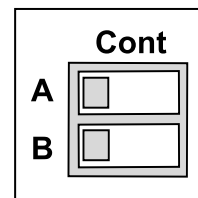
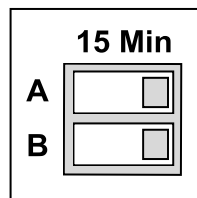
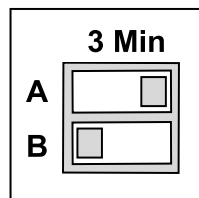
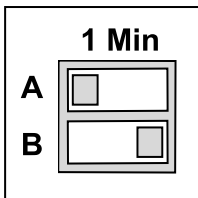
SW2 Off: Positive Strobe Trigger

SW1 On: Negative Siren Trigger (Paradox)

SW1 Off: Positive Siren Trigger

## DIP Switch Setting

SW6 and SW5 (labelled A and B) control the sirens timer which is selectable from 1min, 3min, 15m or continuous. Recommended time setting is 3min.

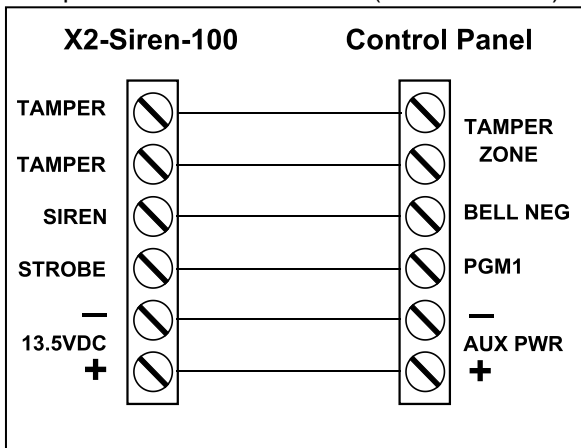


## Wiring Diagram

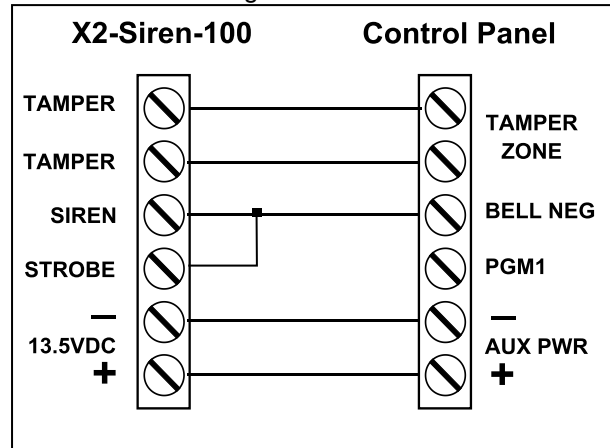
The X2-Siren-100 is compatible with any alarm panel that supports either negative or positive trigger outputs.

Note: For Paradox panels a 1K resistor is required across the bell positive and negative terminals.

Independent Siren and Strobe (recommended)



Siren and Strobe together



## Certificate and Standards:

